

IN THE DRAWINGS

Drawing Fig. 4 has been amended by replacing "STST97" with -ST97-. Drawing Fig. 5 has been amended such that solid reference lines extend from the reference designations 15_2 and 15_3 to respective PCs; and dashed reference lines extend from the reference designations 16_2 and 16_3 to dashed boxes within which the PCs 15_2 and 15_3 are respectively contained. Drawing Fig. 8 has been amended by replacing "TOOL52" with -TOOL 52-. No new subject matter has been added by these amendments.

Attachment: Replacement Sheets for drawings Figs. 4, 5 and 8.

REMARKS

Claims 1-14 have been amended, and new dependent claims 15-22 have been added. Claims 1-22 are pending in this application.

The specification, drawings and claims have been amended to overcome the Examiner's objections, such that the objections should be withdrawn. No new subject matter has been added.

In addition, claims 1, 5, 7, 10 and 13-14 have been amended to overcome the rejections under 35 U.S.C. § 112, second paragraph, such that the Section 112 rejections of claims 1, 5, 7, 10 and 13-14 should be withdrawn.

Further, claims 9 and 14 have been amended to overcome the rejection under 35 U.S.C. § 101, such that this rejection should be withdrawn.

Claims 1-14 were rejected under 35 U.S.C. 102(b) as being anticipated by Oishi (EP 1037131).

Amended independent claim 1 recites, in relevant part, the following:

a first step by which the first data processing device uses the first authentication key data, wherein the first authentication key data is from an integrated circuit ("IC") device and had been generated using predetermined key data designated by key designation data, and the second processing device uses the second authentication key data, wherein the second authentication key data is generated using the predetermined key data designated by the key designation data, wherein the key designation data is from the IC device, and authentication is performed between the first data processing device and the second data processing device

(Independent claims 5, 6, 8, 9, 10, 13 and 14 contain similar limitations). Support for the amendments to the independent claims is found, for example, at pg. 21, ln. 21 - pg. 23, ln. 24. As discussed in the application, where an IC device prepared by a first data processing device includes first authentication key data and key designation data from which the

first authentication key data had been generated, a mutual authentication process can be performed between the first data processing device, which uses the first authentication key data of the IC device, and a second data processing device, which uses second authentication key data generated using the key designation data of the IC device, as required by the claimed invention.

In contrast, although Oishi appears to concern authentication processing, the applied portions of Oishi do not appear to disclose or suggest using first authentication key data from an IC device at a first data processing device, and at a second data processing device using second authentication key data generated using key designation data which is also from the IC device, for performing mutual authentication, as required by claim 1.

Accordingly, independent claim 1 is patentable over Oishi. In addition, for reasons similar to or somewhat similar to those previously described with regard to claim 1, it is also respectfully submitted that amended independent claims 5, 6, 8, 9, 10, 13 and 14 are also patentable over Oishi.

Claims 2-4, 7, 11-12, and new claims 15-22 which recite that the first authentication data and the key designation data are communicatively provided from the IC device, are dependent from one of the independent claims. Accordingly, it is also respectfully submitted that dependent claims 2-4, 7, 11-12 and 15-22 are patentable over Oishi for the reasons previously described and because of the further restrictions they require.

In view of the above, each of the presently pending claims in this application is believed to be in immediate condition for allowance. Accordingly, the Examiner is respectfully requested to withdraw the outstanding rejections of the claims and to pass this application to issue.

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If, however, for any reason the Examiner does not believe that such action can be taken at this time, it is respectfully requested that she telephone Applicants' Attorney at (908) 654-5000 in order to overcome any additional objections which he might have.

If there are any additional charges in connection with this requested amendment, the Examiner is authorized to charge Deposit Account No. 12-1095 therefor.

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Respectfully submitted,

By 

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